

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANTS
PTO-1449**

Attorney Docket No.
2885/96

Serial No.
10/551,891

Applicant(s)
VORBACH

Filing Date
August 28, 2006

Group Art Unit
2125



U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT/ PUBLICATION NUMBER	PATENT/PUBLICATION DATE	NAME	CLASS	SUBCLASS	FILING DATE
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KV/						
	RE34,363	August 31, 1993	Freeman			
	RE34,444	November 1993	Kaplinsky			
	2,067,477	January 12, 1937	J.B. Cooper			
	3,242,998	March 29, 1966	C.H. Gubbins			
	3,681,578	August 1, 1972	Stevens			
	3,757,608	September 11, 1973	Willner			
	3,855,577	December 17, 1974	Vandierendonck			
	4,233,667	November 11, 1980	Devine et al.			
	4,414,547	November 1983	Knapp et al.			
	4,489,857	February 6, 1986	Agrawal et al.			
	4,498,134	February 5, 1985	Hansen et al.			
	4,498,172	February 5, 1985	Bhavsar			
	4,566,102	January 21, 1986	Hefner			
	4,591,979	May 27, 1986	Iwashita			
	4,663,706	May 5, 1987	James et al.			
	4,682,284	July 21, 1987	Schrofer			
	4,706,216	November 10, 1987	Carter			
	4,720,778	January, 1998	Hansen et al.			
	4,720,780	January 19, 1988	Dolecek			
	4,739,474	April 19, 1988	Holsztynski			
	4,761,755	August 2, 1988	Ardini et al.			
	4,811,214	March 7, 1989	Nosenchuck et al.			
	4,852,043	July 25, 1989	Guest			
	4,852,048	July 25, 1989	Morton			
	4,860,201	August 22, 1989	Miranker et al.			
	4,870,302	September 26, 1989	Freeman			
	4,882,687	November 1989	Gordon			
	4,891,810	January 2, 1990	de Corlieu et al.			
	4,901,268	February 13, 1990	Judd			
	4,910,665	March 20, 1990	Mattheyses et al.			
	4,918,440	April 17, 1009	Furtek et al.			
	4,967,340	October 30, 1990	Dawes			
	5,014,193	May 7, 1991	Gamer et al.			
	5,015,884	May 14, 1991	Agrawal et al.			
	5,021,947	June 4, 1991	Campbell et al.			
	5,023,775	June 11, 1991	Poret			
	5,043,978	August 27, 1991	Nagler et al.			
	5,047,924	September 10, 1991	Matsubara et al.			

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5,065,368	November 12, 1991	Evans			
5,072,178	December 10, 1991	Matsumoto			
5,081,375	January 14, 1992	Pickett et al.			
5,109,503	April 28, 1992	Cruikshank et al.			
5,113,498	May 12, 1992	Evan et al.			
5,115,510	May 19, 1992	Okamoto et al.			
5,123,109	June 16, 1992	Hillis			
5,125,801	June 30, 1992	Nabity et al.			
5,128,559	July 7, 1992	Steele			
5,142,469	August 25, 1992	Weisenborn			
5,144,166	September 1, 1992	Camarota et al.			
5,193,202	March 9, 1993	Lee et al.			
5,203,005	April 13, 1993	Horst			
5,204,935	April 20, 1993	Mihara et al.			
5,208,491	May 4, 1993	Ebeling et al.			
5,212,716	May 1993	Ferraiolo et al.			
5,226,122	July 6, 1993	Thayer et al.			
5,233,539	August 3, 1993	Agrawal et al.			
5,247,689	September 21, 1993	Ewert			
5,274,593	December 28, 1993	Proebsting			
5,287,472	February 15, 1994	Horst			
5,294,119	March 15, 1994	Vincent et al.			
5,301,284	April 5, 1994	Estes et al.			
5,301,344	April 5, 1994	Kolchinsky			
5,303,172	April 12, 1994	Magar et al.			
5,311,079	May 10, 1994	Ditlow et al.			
5,336,950	August 9, 1994	Popli et al.			
5,347,639	September 13, 1994	Rechtschaffen et al.			
5,349,193	September 20, 1994	Mott et al.			
5,353,432	October 4, 1994	Richek et al.			
5,361,373	November 1, 1994	Gilson			
5,379,444	January 3, 1995	Mumme			
5,392,437	February 21, 1995	Matter et al.			
5,410,723	April 25, 1995	Schmidt et al.			
5,418,952	May 23, 1995	Morley et al.			
5,421,019	May 30, 1995	Holsztynski et al.			
5,422,823	June 6, 1995	Agrawal et al.			
5,425,036	June 13, 1995	Liu et al.			
5,426,378	June 20, 1995	Ong			
5,428,526	June 27, 1995	Flood et al.			
5,430,687	July 4, 1995	Hung et al.			
5,440,245	August 8, 1995	Galbraith et al.			

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KV/					
	5,440,538	August 15, 1995	Olsen et al.		
	5,442,790	August 15, 1995	Nosenchuck		
	5,444,394	August 22, 1995	Watson et al.		
	5,448,186	September 5, 1995	Kawata		
	5,455,525	October 3, 1995	Ho et al.		
	5,457,644	October 10, 1995	McCollum		
	5,465,375	November 7, 1995	Thepaut et al.		
	5,473,266	December 5, 1995	Ahanin et al.		
	5,473,267	December 5, 1995	Stansfield		
	5,475,583	December 12, 1995	Bock et al.		
	5,475,803	December 12, 1995	Stearns et al.		
	5,475,856	December 12, 1995	Kogge		
	5,483,620	January 9, 1996	Pechanek et al.		
	5,485,103	January 16, 1996	Pedersen et al.		
	5,485,104	January 16, 1996	Agrawal et al.		
	5,489,857	February 6, 1996	Agrawal et al.		
	5,491,353	February 13, 1996	Kean		
	5,493,239	February 20, 1996	Zlotnick		
	5,497,498	March 5, 1996	Taylor		
	5,506,998	April 9, 1996	Kato et al.		
	5,510,730	April 23, 1996	El Gamal et al.		
	5,511,173	April 23, 1996	Yamaura et al.		
	5,513,366	April 30, 1996	Agarwal et al.		
	5,521,837	May 28, 1996	Frankle et al.		
	5,522,083	May 28, 1996	Gove et al.		
	5,530,873	June 25, 1996	Takano		
	5,530,946	June 25, 1996	Bouvier et al.		
	5,532,693	July 2, 1996	Winters et al.		
	5,532,957	July 2, 1996	Malhi		
	5,535,406	July 9, 1996	Kolchinsky		
	5,537,057	July 16, 1996	Leong et al.		
	5,537,601	July 16, 1996	Kimura et al.		
	5,541,530	July 30, 1996	Cliff et al.		
	5,544,336	August 6, 1996	Kato et al.		
	5,548,773	August 20, 1996	Kemeny et al.		
	5,555,434	September 10, 1996	Carlstedt		
	5,559,450	September 24, 1996	Ngai et al.		
	5,561,738	October 1, 1996	Kinerk et al.		
	5,570,040	October 29, 1996	Lytle et al.		
	5,574,930	November 12, 1996	Halverson Jr. et al.		
	5,583,450	December 10, 1996	Trimberger et al.		
	5,586,044	December 17, 1996	Agrawal et al.		

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KV/

	5,587,921	December 24, 1996	Agrawal et al.			
	5,588,152	December 24, 1996	Dapp et al.			
	5,590,345	December 31, 1996	Barker et al.			
	5,590,348	December 31, 1996	Phillips et al.			
	5,596,742	January 21, 1997	Agarwal et al.			
	5,600,265	February 4, 1997	El Gamal Abbas et al.			
	5,600,845	February 4, 1997	Gilson			
	5,611,049	March 11, 1997	Pitts			
	5,617,547	April 1, 1997	Feeney et al.			
	5,625,806	April 29, 1997	Kromer			
	5,634,131	May 27, 1997	Matter et al.			
	5,649,176	July 15, 1997	Selvidge et al.			
	5,649,179	July 15, 1997	Steenstra et al.			
	5,652,529	July 1997	Gould et al.			
	5,652,894	July 29, 1997	Hu et al.			
	5,655,069	August 5, 1997	Ogawara et al.			
	5,655,124	August 5, 1997	Lin			
	5,657,330	August 12, 1997	Matsumoto			
	5,659,797	August 19, 1997	Zandveld et al.			
	5,675,743	October 7, 1997	Mavity			
	5,680,583	October 21, 1997	Kuijsten			
	5,713,037	January 27, 1998	Wilkinson et al.			
	5,717,943	February 10, 1998	Barker et al.			
	5,732,209	March 24, 1998	Vigil et al.			
	5,734,921	March 31, 1998	Dapp et al.			
	5,737,516	April 1998	Circello et al.			
	5,742,180	April 21, 1998	Detton et al.			
	5,748,872	May 5, 1998	Norman			
	5,748,979	May 1998	Trimberger			
	5,752,035	May 1998	Trimberger			
	5,754,827	May 19, 1998	Barbier et al.			
	5,754,871	May 19, 1998	Wilkinson et al.			
	5,760,602	June 2, 1998	Tan			
	5,761,484	June 2, 1998	Agarwal et al.			
	5,773,994	June 30, 1998	Jones			
	5,778,439	July 7, 1998	Timberger et al.			
	5,784,636	July 21, 1998	Rupp			
	5,794,059	August 11, 1998	Barker et al.			
	5,794,062	August 11, 1998	Baxter			
	5,801,715	September 1, 1998	Norman			
	5,802,290	September 1, 1998	Casselmann			
	5,821,744	October 1998	Veytsman et al.			

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	5,828,229	October 27, 1998	Cliff et al.			
	5,828,858	October 27, 1998	Athanas et al.			
	5,838,165	November 17, 1998	Chatter			
	5,841,973	November 1998	Cooke et al.			
	5,844,888	December 1, 1998	Narjyka			
	5,848,238	December 8, 1998	Shimomura et al.			
	5,854,918	December 29, 1998	Baxter			
	5,859,544	January 12, 1999	Norman			
	5,865,239	February 2, 1999	Carr			
	5,867,691	February 2, 1999	Shiraishi			
	5,867,723	February 2, 1999	Peters et al.			
	5,884,075	March 16, 1999	Hester et al.			
	5,887,162	March 23, 1999	Williams et al.			
	5,887,165	March 23, 1999	Martel et al.			
	5,889,982	March 30, 1999	Rodgers et al.			
	5,892,370	April 6, 1999	Eaton et al.			
	5,892,961	April 6, 1999	Trimberger			
	5,892,962	April 6, 1999	Cloutier			
	5,901,279	May 4, 1999	Davis III			
	5,915,123	June 22, 1999	Mirsky et al.			
	5,924,119	July 13, 1999	Sindhu et al.			
	5,926,638	July 1999	Inoue, Masaharu			
	5,927,423	July 27, 1999	Wada et al.			
	5,933,642	August 3, 1999	Baxter et al.			
	5,936,424	April 10, 1999	Young et al.			
	5,943,242	August 24, 1999	Vorbach et al.			
	5,956,518	September 21, 1999	DeHon et al.			
	5,960,200	September 1999	Eager et al.			
	5,966,534	October 12, 1999	Cooke et al.			
	5,970,254	October 19, 1999	Cooke et al.			
	5,978,260	November 2, 1999	Trimberger et al.			
	5,996,083	November 30, 1999	Gupta et al.			
	6,003,143	December 1999	Kim et al.			
	6,011,407	January 4, 2000	New			
	6,014,509	January 11, 2000	Furtek et al.			
	6,020,758	February 1, 2000	Patel et al.			
	6,021,490	February 1, 2000	Vorbach et al.			
	6,023,564	February 8, 2000	Trimberger			
	6,023,742	February 8, 2000	Ebeling et al.			
	6,026,481	February 2000	New et al.			
	6,034,538	March 7, 2000	Abramovici			
	6,038,650	March 14, 2000	Vorbach et al.			

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KV/						
	6,038,656	March 14, 2000	Cummings et al.			
	6,047,115	April 4, 2000	Mohan et al.			
	6,049,222	April 11, 2000	Lawman			
	6,052,773	April 18, 2000	DeHon et al.			
	6,054,873	April 25, 2000	Laramie			
	6,058,469	May 2, 2000	Baxter			
	6,081,903	June 27, 2000	Vorbach et al.			
	6,085,317	July 4, 2000	Smith			
	6,086,628	July 11, 2000	Dave et al.			
	6,088,795	July 11, 2000	Vorbach et al.			
	6,092,174	July 18, 2000	Roussakov			
	6,105,105	August 15, 2000	Trimberger et al.			
	6,108,760	August 22, 2000	Mirsky et al.			
	6,119,181	September 12, 2000	Vorbach et al.			
	6,122,719	September 19, 2000	Mirsky et al.			
	6,125,408	September 26, 2000	McGee et al.			
	6,127,908	October 3, 2000	Bozler et al.			
	6,150,837	November 21, 2000	Beal et al.			
	6,150,839	November 21, 2000	New et al.			
	6,170,051	January 2001	Dowling, Eric M.			
	6,172,520	January 9, 2001	Lawman et al.			
	6,173,434	January 9, 2001	Wirthlin et al.			
	6,188,240	February 2001	Nakaya			
	6,202,182	March 13, 2001	Abramovici et al.			
	6,211,697	April 2001	Lien et al.			
	6,212,650	April 2001	Guccione, Steven A.			
	6,219,833	April 17, 2001	Solomon et al.			
	6,230,307	May 8, 2001	Davis et al.			
	6,240,502	May 29, 2001	Panwar et al.			
	6,243,808	June 5, 2001	Wang			
	6,256,724	July 2001	Hocevar et al.			
	6,260,179	July 10, 2001	Ohsawa et al.			
	6,263,430	July 17, 2001	Trimberger et al.			
	6,279,077	August 21, 2001	Nasserbakht et al.			
	6,282,627	August 28, 2001	Wong et al.			
	6,282,701	August 2001	Wygodny et al.			
	6,286,134	September 2001	Click, Jr. et al.			
	6,288,566	September 11, 2001	Hanrahan et al.			
	6,289,440	September 11, 2001	Casselmann			
	6,298,472	October 2, 2001	Phillips et al.			
	6,301,706	October 2001	Maslennikov et al.			
	6,311,200	October 30, 2001	Hanrahan et al.			

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	6,321,366	November 20, 2001	Tseng et al.		
	6,321,373	November 20, 2001	Ekanadham et al.		
	6,338,106	January 8, 2002	Vorbach et al.		
	6,341,318	January 22, 2002	Dakhil		
	6,347,346	February 12, 2002	Taylor		
	6,349,346	February 19, 2002	Hanrahan et al.		
	6,370,596	April 9, 2002	Dakhil		
	6,378,068	April 23, 2002	Foster et al.		
	6,389,379	May 14, 2002	Lin et al.		
	6,389,579	May 14, 2002	Phillips et al.		
	6,392,912	May 21, 2002	Hanrahan et al.		
	6,398,383	June 2002	Huang, Yu-Hwei		
	6,404,224	June 11, 2002	Azegami et al.		
	6,405,299	June 11, 2002	Vorbach et al.		
	6,421,809	July 2002	Wuytack et al.		
	6,421,817	July 16, 2002	Mohan et al.		
	6,425,054	July 23, 2002	Nguyen		
	6,425,068	July 23, 2002	Vorbach		
	6,434,695	August 2002	Esfahani et al.		
	6,434,699	August 13, 2002	Jones et al.		
	6,435,054	October 10, 2000	Nguyen		
	6,437,441	August 2002	Yamamoto		
	6,457,116	September 24, 2002	Mirsky et al.		
	6,476,634	November 2002	Bilski		
	6,477,643	November 5, 2002	Vorbach et al.		
	6,480,937	November 12, 2002	Vorbach et al.		
	6,480,954	November 12, 2002	Trimberger et al.		
	6,490,695	December 2002	Zagorski et al.		
	6,496,971	December 2002	Lesea et al.		
	6,504,398	April 2004	Vorbach		
	6,513,077	January 28, 2003	Vorbach et al.		
	6,519,674	February 11, 2003	Lam et al.		
	6,526,520	February 25, 2003	Vorbach et al.		
	6,538,468	March 25, 2003	Moore		
	6,539,477	March 25, 2003	Seawright		
	6,542,844	April 2003	Hanna		
	6,542,998	April 1, 2003	Vorbach		
	6,571,381	May 27, 2003	Vorbach et al.		

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /KV/					
	6,587,939	July 1, 2003	Takano		
	6,633,181	October 2003	Rupp		
	6,657,457	December 2, 2003	Hanrahan et al.		
	6,687,788	February 3, 2004	Vorbach et al.		
	6,697,979	February 24, 2003	Vorbach et al.		
	6,704,816	March 2004	Burke, David		
	6,717,436	April 2004	Kress et al.		
	6,728,871	April 27, 2004	Vorbach et al.		
	6,757,847	June 2004	Farkash et al.		
	6,785,826	August 31, 2004	Durham et al.		
	6,803,787	October 2004	Wicker, Jr.		
	6,886,092	April 2005	Douglass et al.		
	6,901,502	May 2005	Yano et al.		
	6,961,924	November 2005	Bates et al.		
	6,928,523	August 2005	Yamada, Akira		
	2001/0010074	July 26, 2001	Nishihara et al.		
	2001/0032305	October 2001	Barry		
	2002/0103839	August 2002	Ozawa		
	2002/083308	June 27, 2002	Pereira et al.		
	2002/0038414	March 28, 2002	Taylor		
	2002/0045952	April 18, 2002	Blemel		
	2002/0138716	September 26, 2002	Paul et al.		
	2002/0143505	October 3, 2002	Drusinsky		
	2002/0144229	October 3, 2002	Hanrahan		
	2002/0165886	November 7, 2002	Lam		
	2003/0001615	January 2003	Sueyoshi et al.		
	2003/0014743	January 16, 2003	Cooke et al.		
	2003/0046607	March 6, 2003	Vorbach		
	2003/0056085	March 2, 2003	Vorbach		
	2003/0052711	March 20, 2003	Taylor		
	2003/0055861	March 20, 2003	Lai et al.		
	2003/0056091	March 20, 2003	Greenberg		
	2003/0056202	March 20, 2003	Vorbach		
	2003/0086300	May 2003	Noyes et al.		
	2003/0093662	May 15, 2003	Vorbach et al.		
	2003/0097513	May 22, 2003	Vorbach et al.		
	2003/0123579	July 3, 2003	Safavi et al.		
	2003/0135686	July 17, 2003	Vorbach et al.		
	2003/0014743	January 16, 2003	Cooke		

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	2003/0192032	October 2003	Andrade et al.			
	2004/0015899	January 22, 2004	May et al.			
	2004/0025005	February 5, 2004	Vorbach et al.			
	2004/0168099	August 26, 2004	Vorbach et al.			
	2004/0199688	October 2004	Vorbach et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KV/							
	0 208 457	January 14, 1987	EPO				
	0 221 360	May 13, 1987	EPO				
	0 398 552	November 22, 1009	EPO				
	0 428 327	May 22, 1991	EPO				
	0 463 721	January 2, 1992	EPO				
	0 477 809	April 1, 1992	EPO				
	0 485 690	May 20, 1992	EPO				
	0 497 029	August 5, 1992	EPO				
	0 539 595	May 5, 1993	EPO				
	0 628 917	December 14, 1994	EPO				
	0 678 985	October 25, 1995	EPO				
	0 686 915	December 13, 1995	EPO				
	0 696 001	December 5, 2001	EPO				
	0 707 269	April 17, 1996	EPO				
	0 726 532	August 14, 1996	EPO				
	0 735 685	October 2, 1996	EPO				
	0 748 051	December 11, 1996	EPO				
	0 835 685	October 2, 1996	EPO				
	0 926 594	June 30, 1999	EPO				
	1 102 674	May 30, 2001	EPO				
	1 146 432	October 17, 2001	EPO				
	**2 752 466	February 20, 1998	France			English equivalent cited above	
	42 21 278	January 5, 1994	Germany				
	44 16 881	November 17, 1994	Germany				
	38 55 673	November 20, 1996	Germany			Abstract Only	
	100 28 397	December 20, 2001	Germany				
	100 36 627	February 14, 2002	Germany				
	101 29 237	April 18, 2002	Germany				
	102 04 044	August 14, 2003	Germany				
	196 51 075	June 10, 1998	Germany				

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	196 54 595	July 2, 1998	Germany				
	196 54 595	July 2, 1998	Germany				
	196 54 846	July 9, 1998	Germany				
	197 04 044	August 13, 1998	Germany				
	197 04 728	August 13, 1998	Germany				
	197 04 742	September 24, 1998	Germany				
	198 07 872	August 26, 1999	Germany				
	198 61 088	February 10, 2000	Germany				
	199 26 538	December 14, 2000	Germany				
	WO90/04835	May 3, 1990	PCT				
	WO90/11648	October 4, 1990	PCT				
	WO92/01987	February 6, 1992	PCT				
	WO93/11503	June 10, 1993	PCT				
	WO94/06077	March 17, 1994	PCT				
	WO94/08399	April 14, 1994	PCT				
	WO95/00161	January 5, 1995	PCT				
	WO95/26001	September 28, 1995	PCT				
	WO98/26356	June 18, 1998	PCT				
	WO98/28697	July 2, 1998	PCT				
	WO98/29952	July 9, 1998	PCT				
	WO98/31102	July 16, 1998	PCT				
	WO98/35299	August 13, 1998	PCT				
	WO99/00731	January 7, 1999	PCT				
	WO99/00739	January 7, 1999	PCT				
	WO99/12111	March 11, 1999	PCT				
	WO99/32975	July 1, 1999	PCT				
	WO99/40522	August 12, 1999	PCT				
	WO99/44147	September 2, 1999	PCT				
	WO99/44120	September 2, 1999	PCT				
	WO00/17771	March 30, 2000	PCT				
	WO00/38087	June 29, 2000	PCT				
	WO00/77652	December 21, 2000	PCT				
	WO01/55917	August 2, 2001	PCT				
	WO02/13000	February 14, 2002	PCT				
	WO02/21010	March 14, 2002	PCT				
	WO02/29600	April 11, 2002	PCT				
	WO02/71248	September 12, 2002	PCT				
	WO02/071196	September 26, 2002	PCT				
	WO02/071249	September 12, 2002	PCT				
	WO02/103532	December 27, 2002	PCT				
	WO03/017095	February 27, 2003	PCT				

INFORMATION DISCLOSURE STATEMENT BY APPLICANTS PTO-1449	Attorney Docket No. 2885/96	Serial No. 10/551,891
	Applicant(s) VORBACH	
	Filing Date August 28, 2006	Group Art Unit 2125

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KV/						TRANSLATION	
	WO03/023781	March 27, 2003	PCT				
	WO03/023616	March 30, 2003	PCT				
	WO03/032975	April 24, 2003	PCT				
	WO03/036507	May 1, 2003	PCT				
	WO04/114128	December 29, 2004	PCT				
	8-44581	February 16, 1996	Japan			Abstract	
	7-154242	June 16, 1995	Japan			Abstract	
	58-58672	April 7, 1983	Japan			Abstract	
	2-226423	September 10, 1990	Japan			Abstract	
	5-276007	October 22, 1993	Japan			Abstract	
	8-250685	September 27, 1996	Japan			Abstract	
	2-130023	May 18, 1990	Japan			Abstract	
	11-307725	November 5, 1999	Japan			Abstract & Partial Translation	
	2000-181566	June 30, 2000	Japan			Computer Translation	
	9-27745	January 28, 1997	Japan			Abstract	

OTHER DOCUMENTS

EXAMINER'S INITIALS	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KV/
	Abnous, A., et al., "The Pleiades Architecture," Chapter 1 of <i>The Application of Programmable DSPs in Mobile Communications</i> , A. Gatherer and A. Auslander, Ed., Wiley, 2002, pp. 1-33.
	Ade, et al., "Minimum Memory Buffers in DSP Applications," <i>Electronics Letters</i> , vol. 30, No. 6, March 17, 1994, pp. 469-471.
	Alippi, et al., "Determining the Optimum Extended Instruction Set Architecture for Application Specific Reconfigurable VLIW CPUs," <i>IEEE</i> , 2001, pp. 50-56.
	Arabi, et al., "PLD Integrates Dedicated High-speed Data Buffering, Complex State machine, and Fast Decode Array," conference record on <i>WESCON '93</i> , Sep. 28, 1993, pp. 432-436.
	Athanas, "A Functional Reconfigurable Architecture and Compiler for Adoptive Computing," <i>IEEE</i> 1993, pages 49-55.
	Athanas, et al., "An Adaptive Hardware Machine Architecture and Compiler for Dynamic Processor Reconfiguration," <i>IEEE, Laboratory for Engineering man/Machine Systems Division of Engineering</i> , Box D, Brown University, Providence, Rhode Island, 1991, pages 397-400.
	Baumgarte, V. et al., PACT XPP "A Self-reconfigurable Data Processing Architecture," <i>PACT Info. GMBH, Munchen Germany</i> , 2001, 7 pages.
	Beck et al., "From control flow to data flow," TR 89-1050, October 1989, Dept. of Computer Science, Cornell University, Ithaca, NY, pp. 1-25.
	Becker, J. et al., "Parallelization in Co-compilation for Configurable Accelerators - a Host/accelerator Partitioning Compilation Method," <i>Proceedings of Asia and South Pacific Design Automation Conference</i> , Yokohama, Japan, February 10-13, 1998, 11 pages.
	Bittner, "Wormhole Run-time Reconfiguration: Conceptualization and VLSI Design of a High Performance Computing System," <i>Dissertation</i> , January 23, 1997, pp. I-XX, 1-415.
	Cadambi, et al., "Managing Pipeline-reconfigurable FPGAs," <i>ACM</i> , 1998, pp. 55-64.
	Callahan, et al., "The Garp Architecture and C Compiler," <i>Computer</i> , April 2000, pages 62-69.
	Cardoso, Joao M.P. and Markus Weinhardt, "XPP-VC: A C Compiler with Temporal Partitioning for the PACT-XPP Architecture," <i>Field-Programmable Logic and Applications. Reconfigurable Computing is Going Mainstream, 12th International Conference FPL 2002, Proceedings (Lecture Notes in Computer Science, Vol. 2438) Springer-Verlag Berlin, Germany</i> , 2002, pp. 864-874.

INFORMATION DISCLOSURE STATEMENT BY APPLICANTS PTO-1449	Attorney Docket No. 2885/96	Serial No. 10/551,891
	Applicant(s) VORBACH	
	Filing Date August 28, 2006	Group Art Unit 2125

ALL REFERENCES CONSIDERED EXCEPT WHERE INDICATED THROUGHOUT	Chen et al., "A reconfigurable multiprocessor IC for rapid prototyping of algorithmic-specific high-speed DSP data paths," IEEE Journal of Solid-State Circuits, Vol. 27, No. 12, December 1992, pp.1895-1904.
	DeHon, A., "DPGA Utilization and Application," MIT Artificial Intelligence Laboratory, Proceedings of the Fourth International ACM Symposium on Field-Programmable Gate Arrays (FPGA '96), IEEE Computer Society, pp. 1-7.
	Diniz, P., et al., "Automatic Synthesis of Data Storage and Control Structures for FPGA-based Computing Engines," 2000, IEEE, pages 91-100.
	Donandt, "Improving Response Time of Programmable Logic Controllers by use of a Boolean Coprocessor," AEG Research Institute Berlin, IEEE, 1989, pages 4-167 - 4-169.
	Dutt, et al., "If Software is King for Systems-in-Silicon, What's New in Compiler?," IEEE, 1997, pp. 322-325.
	Ferrante, J. et al., "The Program Dependence Graph and its Use in Optimization ACM Transactions on Programming Languages and Systems," July 1987, USA, [online] Bd. 9, Nr., 3, pages 319-349, XP002156651 ISSN: 0164-0935 ACM Digital Library.
	Fineberg, S, et al., "Experimental Analysis of a Mixed-Mode Parallel Architecture Using Bitonic Sequence Sorting," Journal of Parallel and Distributed Computing, Vol. 11, No. 3, March 1991, pages 239-251.
	Fornaciari, et al., System-level power evaluation metrics, 1997 Proceedings of the 2 nd Annual IEEE International Conference on Innovative Systems in Silicon, New York, NY, October 1997, pp. 323-330.
	Forstner, "Wer Zuerst Kommt, Mahlt Zuerst!: Teil 3: Einsatzgebiete und Anwendungsbeispiele von FIFO-Speichern," Elektronik, August 2000, pages 104-109.
	Franklin, Manoj et al., "A Fill-Unit Approach to Multiple Instruction Issue," Proceedings of the Annual International Symposium on Microarchitecture, November 1994, pp. 162-171.
	Gokhale, M.B. et al., "Automatic Allocation of Arrays to Memories in FPGA processors with Multiple Memory Banks," Field-Programmable Custom Computing Machines, 1999, IEEE, pages 63-67.
	Hammes, Jeff et al., "Cameron: High Level Language Compilation for Reconfigurable Systems," Department of Computer Science, Colorado State University, Conference on Parallel Architectures and Compilation Techniques, October 12-16, 1999, 9 pages.
	Hartenstein, R., "Coarse grain reconfigurable architectures," Design Automation Conference, 2001, Proceedings of the ASP-DAC 2001 Asia and South Pacific, January 30- February 2, 2001, IEEE 30 January 2001, pp. 564-569.
	Hastie et al., "The implementation of hardware subroutines on field programmable gate arrays," Custom Integrated Circuits Conference, 1990, Proceedings of the IEEE 1990, May 16, 1990, pp. 31.3.1 - 31.4.3 (3 pages).
	Hauck, "The Roles of FPGAs in Reprogrammable Systems," IEEE, April 1998, pp. 615-638.
	Hauser, J.R., et al., "Garp: A MIPS Processor with a Reconfigurable Coprocessor," University of California, Berkeley, IEEE, 1997, pages 24-33.
	Hedge, S.J., "3D WASP Devices for On-line Signal and Data Processing," 1994, International Conference on Wafer Scale Integration, pages 11-21.
	Hwang, L. et al., "Min-cut Replication in Partitioned Networks," IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, [online] Bd. 14, Nr. 1, January 1995, pages 96-106, XP00053228 USA ISSN: 0278-0070 IEEE Xplore.
	Iseli, C., et al. "A C++ Compiler for FPGA Custom Execution Units Synthesis," IEEE, 1995, pp. 173-179.
	Isshiki, Tsuyoshi, et al., "Bit-Serial Pipeline Synthesis for Multi-FPGA Systems with C++ Design Capture," 1996 IEEE, pp. 38-47.
	Jacob, J., et al., "Memory Interfacing and Instruction Specification for Reconfigurable Processors," ACM 1999, pages 145-154.
	Jantsch, Axel et al., "A Case Study on Hardware/Software Partitioning," Royal Institute of Technology, Kista, Sweden, April 10, 1994, IEEE, pp. 111-118.
	John, L., et al., "A Dynamically Reconfigurable Interconnect for Array Processors," Vol. 6, No. 1, March 1998, IEEE, pages 150-157.
	Kastrup, B., "Automatic Hardware Synthesis for a Hybrid Reconfigurable CPU Featuring Philips CPLDs," Proceedings of the PACT Workshop on Reconfigurable Computing, 1998, pp. 5-10.
	Koch, A., et al., "Practical Experiences with the SPARXIL Co-Processor," 1998, IEEE, pages 394-398.
	Koren et al., "A data-driven VLSI array for arbitrary algorithms," IEEE Computer Society, Long Beach, CA Vol. 21, No. 10, 1 October 1988, pp. 30-34.
	Kung, "Deadlock Avoidance for Systolic Communication," 1988 Conference Proceedings of the 15 th Annual International Symposium on Computer Architecture, May 30, 1988, pp. 252-260.

INFORMATION DISCLOSURE STATEMENT BY APPLICANTS PTO-1449	Attorney Docket No. 2885/96	Serial No. 10/551,891
	Applicant(s) VORBACH	
	Filing Date August 28, 2006	Group Art Unit 2125

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /KV/		
	Lee, Jong-eun et al., "Reconfigurable ALU Array Architecture with Conditional Execution," International Soc. Design Conference (ISOOC) [online] October 25, 2004, Seoul, Korea, 5 pages.	
	Ling, X., "WASMII: An MPLD with Data-Driven Control on a Virtual Hardware," Journal of Supercomputing, Kluwer Academic Publishers, Dordrecht, Netherlands, 1995, pp. 253-276.	
	Ling et al., "WASMII: A Multifunction Programmable Logic Device (MPLD) with Data Driven Control," The Transactions of the Institute of Electronics, Information and Communication Engineers, 25 April 1994, Vol. J77-D-1, Nr. 4, pp. 309-317. [This references is in Chinese, but should be comparable in content to the Ling et al. reference above]	
	Mano, M.M., "Digital Design," by Prentice Hall, Inc., Englewood Cliffs, New Jersey 07632, 1984, pp. 119-125, 154-161.	
	Maxfield, C., "Logic that Mutates While-U-Wait," EDN (Bur. Ed) (USA), EDN (European Edition), 7 November 1996, Cahners Publishing, USA, pp. 137-140, 142.	
	Miller, M.J., et al., "High-Speed FIFOs Contend with Widely Differing Data Rates: Dual-port RAM Buffer and Dual-pointer System Provide Rapid, High-density Data Storage and Reduce Overhead," Computer Design, September 1, 1985, pages 83-86.	
	Mirsky, E. DeHon, "MATRIX: A Reconfigurable Computing Architecture with Configurable Instruction Distribution and Deployable Resources," Proceedings of the IEEE Symposium on FPGAs for Custom Computing Machines, 1996, pp. 157-166.	
	Myers, G. "Advances in Computer Architecture," Wiley-Interscience Publication, 2nd ed., John Wiley & Sons, Inc., 1978, pp. 463-494.	
	Nilsson, et al., "The Scalable Tree Protocol - A Cache Coherence Approaches for Large-Scale Multiprocessors," IEEE, pp. 498-506, December 1992.	
	Norman, R.S., "Hyperchip Business Summary, The Opportunity," January 31, 2000, pages 1-3.	
	Ozawa, Motokazu et al., "A Cascade ALU Architecture for Asynchronous Super-Scalar Processors," IEICE Transactions on Electronics, Electronics Society, Tokyo, Japan, Vol. E84-C, No. 2, February 2001, pp. 229-237.	
	Piotrowski, A., "IEC-BUS, Die Funktionsweise des IEC-Bus und seine Anwendung in Geräten und Systemen," 1987, Franzis-Verlag GmbH, München, pp. 20-25.	
	Razdan et al., "A High-Performance Microarchitecture with Hardware-Programmable Functional Units, Micro-27, Proceedings of the 27 th Annual International Symposium on Microarchitecture, IEEE Computer Society and Association for Computing Machinery, November 30-December 2, 1994, pp. 172-180.	
	Saleeba, M. "A Self-Contained Dynamically Reconfigurable Processor Architecture," Sixteenth Australian Computer Science Conference, ASCS-16, QLD, Australia, February, 1993, pp. 59-70.	
	Schmit, et al., Hidden Markov Modeling and Fuzzy Controllers in FPGAs, FPGAs for Custom Computing machines, 1995; Proceedings, IEEE Symposium in Napa Valley, CA, April 1995, pp. 214-221.	
	Shirazi, et al., "Quantitative analysis of floating point arithmetic on FPGA based custom computing machines," IEEE Symposium on FPGAs for Custom Computing Machines, IEEE Computer Society Press, April 19-21, 1995, pp. 155-162.	
	Siemers, C., "Rechenfabrik Ansatz für Extrem Parallele Prozessoren," Verlag Heinze Heise GmbH., Hannover, DE No. 15, July 16, 2001, pages 170-179.	
	Siemers et al., "The >S<puter: A Novel Micoarchitecture Mode for Execution inside Superscalar and VLIW Processors Using Reconfigurable Hardware," Australian Computer Science Communications, Volume 20, No. 4, Computer Architecture, Proceedings of the 3 rd Australian Computer Architecture Conference, Perth, John Morris, Ed., February 2-3, 1998, pp. 169-178.	
	Simunic, et al., Source Code Optimization and Profiling of Energy Consumption in Embedded Systems, Proceedings of the 13 th International Symposium on System Synthesis, September 2000, pp. 193-198.	
	Skokan, Z.E., "Programmable logic machine (A programmable cell array)," IEEE Journal of Solid-State Circuits, Vol. 18, Issue 5, October 1983, pp. 572-578.	
	Sueyoshi, T., "Present Status and Problems of the Reconfigurable Computing Systems Toward the Computer Evolution," Department of Artificial Intelligence, Kyushu Institute of Technology, Fukuoka, Japan; Institute of Electronics, Information and Communication Engineers, Vol. 96, No. 426, IEICE Technical Report (1996), pp. 111-119 [English Abstract]	
	Tau, E., et al., "A First Generation DPGA Implementation," FPD'95, pp. 138-143.	
	Tenca, A.F., et al., "A Variable Long-Precision Arithmetic Unit Design for Reconfigurable Coprocessor Architectures," University of California, Los Angeles, 1998, pages 216-225.	
	The XPP White Paper, Release 2.1, PACT - A Technical Perspective, March 27, 2002, pages 1-27.	
	TMS320C54X DSP: CPU and Peripherals, Texas Instruments, 1996, pp. 6-26 to 6-46.	
	TMS320C54x DSP: Mnemonic Instruction Set, Texas Instruments, 1996, p. 4-64.	
	Villasenor, et al., "Configurable Computing Solutions for Automatic Target Recognition," IEEE, 1996 pp. 70-79.	
	Villasenor, et al., "Configurable Computing," Scientific American, Vol. 276, No. 6, June 1997, pp. 66-71.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANTS PTO-1449	Attorney Docket No. 2885/96	Serial No. 10/551,891
	Applicant(s) VORBACH	
	Filing Date August 28, 2006	Group Art Unit 2125

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH WITH NOISE, OR ONLY DELETED FROM VIDEO COMMUNICATIONS USING RAPIDLY RECONFIGURABLE HARDWARE," IEEE Transactions on Circuits and Systems for Video Technology, IEEE, Inc., NY, December 1995, pp. 565-567.	
Wada, et al., "A Performance Evaluation of Tree-based Coherent Distributed Shared Memory," Proceedings of the Pacific RIM Conference on Communications, Comput and Signal Processing, Victoria, May 19-21, 1993, pp. 390-393.	
Weinhardt, M., "Compilation Methods for Structure-programmable Computers," dissertation, ISBN 3-89722-011-3, 1997. [TABLE OF CONTENTS AND ENGLISH ABSTRACT PROVIDED]	
Weinhardt, Markus et al., "Pipeline Vectorization for Reconfigurable Systems," 1999, IEEE, pages 52-62.	
Weinhardt, Markus et al., "Pipeline Vectorization," IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, Vol. 20, No. 2, February 2001, pp. 234-248.	
Wittig, et al., "OneChip: An FPGA Processor with Reconfigurable Logic," IEEE, 1996, pp. 126-135.	
Wu, et al., "A New Cache Directory Scheme," IEEE, pp. 466-472, June 1996.	
Xu, H.Y. et al., "Parallel QR Factorization on a Block Data Flow Architecture," Conference Proceeding Article, March 1, 1992, pages 332-336 XPO10255276, page 333, Abstract 2.2, 2.3, 2.4 - page 334.	
XILINX, "Logic Cell Array Families: XC4000, XC4000A and XC4000H," product description, pp. 2-7, 2-9, 2-14, 2-15, 8-16, and 9-14.	
Ye, Z.A. et al., "A C-Compiler for a Processor With a Reconfigurable Functional Unit," FPGA 2000 ACM/SIGNA International Symposium on Field Programmable Gate Arrays, Monterey, CA Feb 9-11, 2000, pp. 95-100.	
Yeung, A. et al., "A data-driven architecture for rapid prototyping of high throughput DSP algorithms," Dept. of Electrical Engineering and Computer Sciences, Univ. of California, Berkeley, USA, <i>Proceedings VLSI Signal Processing Workshop, IEEE Press</i> , pp. 225-234, Napa, October 1992.	
Yeung, A. et al., "A reconfigurable data-driven multiprocessor architecture for rapid prototyping of high throughput DSP algorithms," Dept. of Electrical Engineering and Computer Sciences, Univ. of California, Berkeley, USA, pp. 169-178, <i>IEEE</i> 1993.	
Zhang, et al., Architectural Evaluation of Flexible Digital Signal Processing for Wireless Receivers, Signals, Systems and Computers, 2000; Conference Record of the Thirty-Fourth Asilomar Conference, Bd. 1, 29 October 2000, pp. 78-83.	

EXAMINER /Keith Vicary/	DATE CONSIDERED 07/23/2008
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

** = English language equivalent is cited U.S. Patent 6,425,054


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